

FIG. 1A

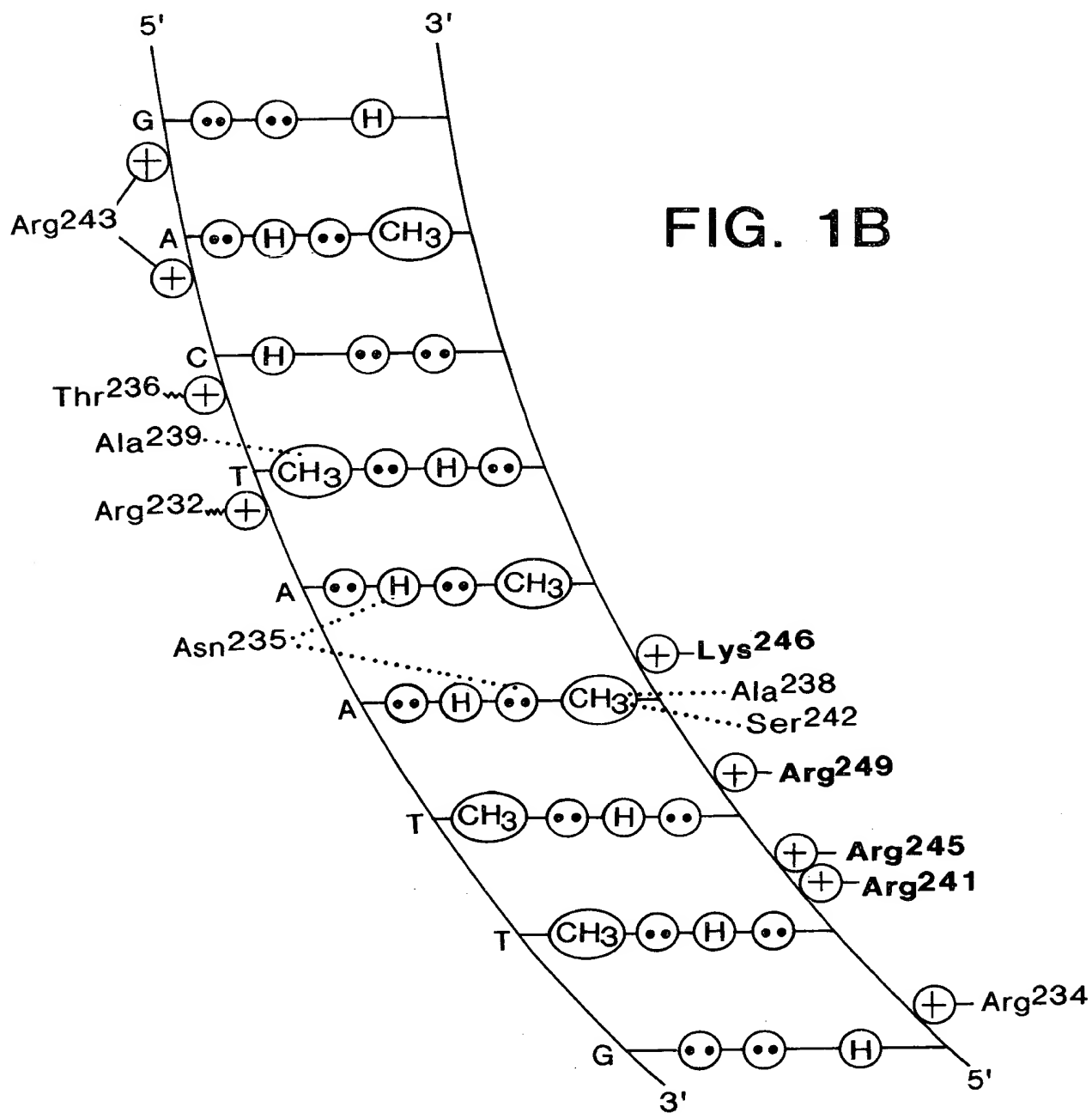


FIG. 1B

FIG. 1C

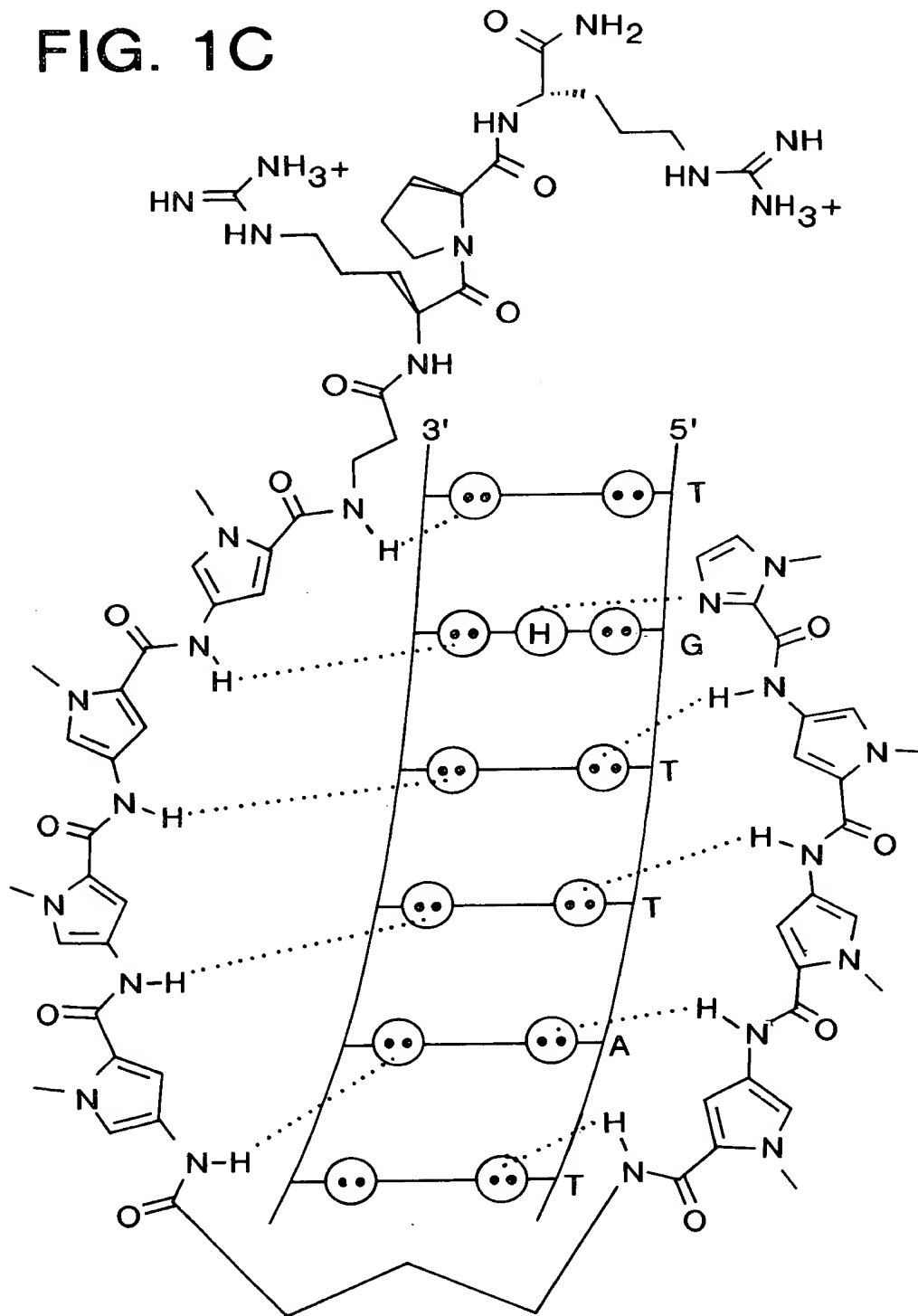
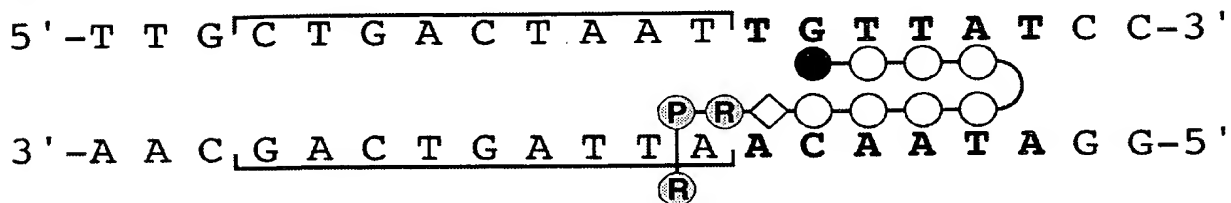
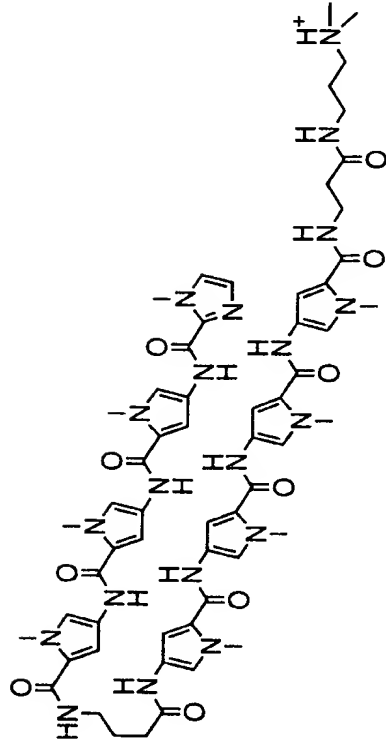


FIG. 1D

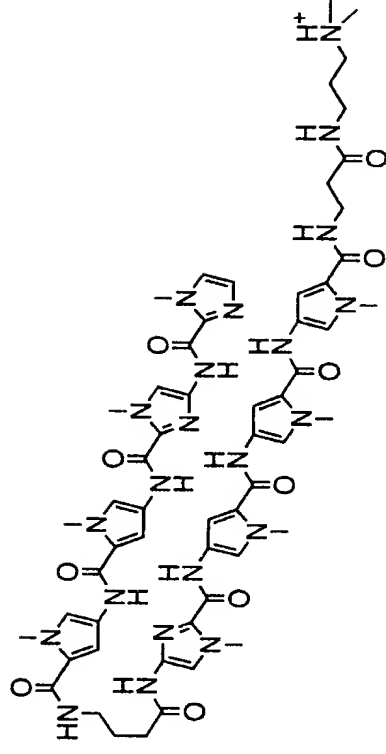
D.





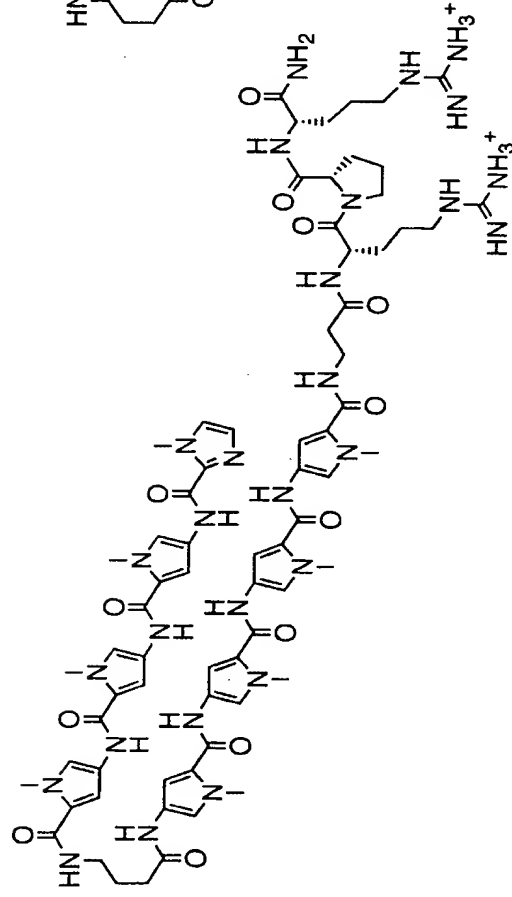
(1) ImPyPyPy-γ-PyPyPyPy-β-Dp

FIG. 2A



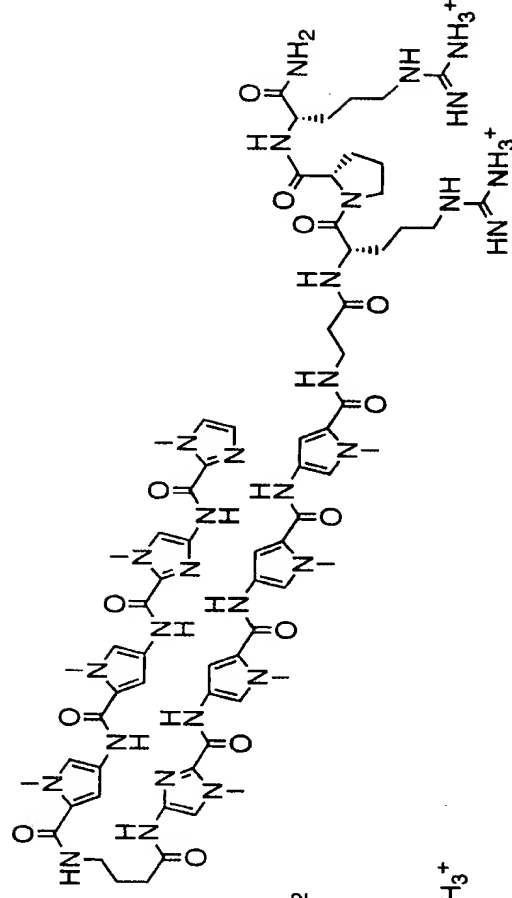
(2) ImImPyPy-γ-ImPyPyPy-β-Dp

FIG. 2B



(3) ImPyPyPy-γ-PyPyPyPy-β-RPR

FIG. 2C



(4) ImImPyPy-γ-ImPyPyPy-β-RPR

FIG. 2D

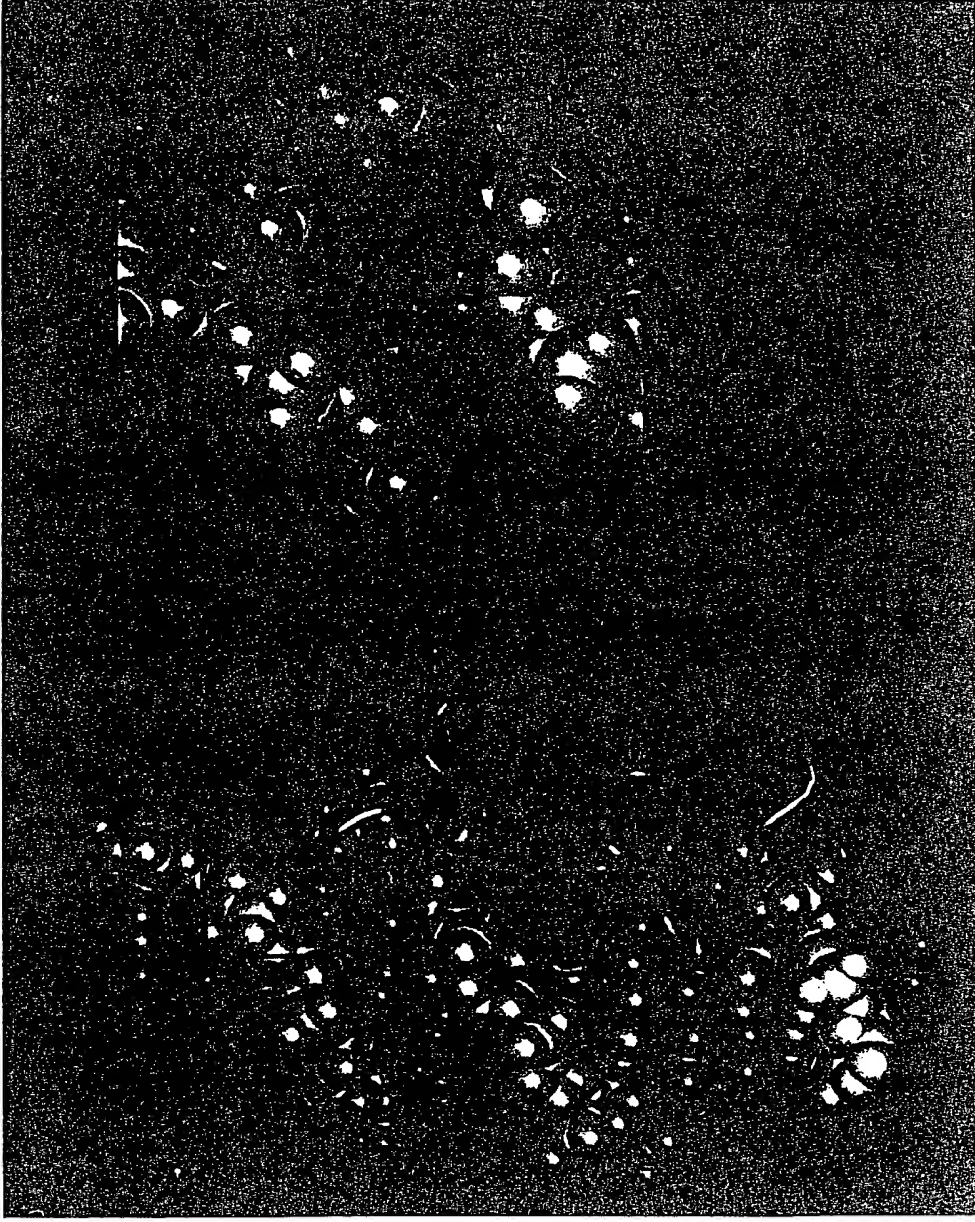
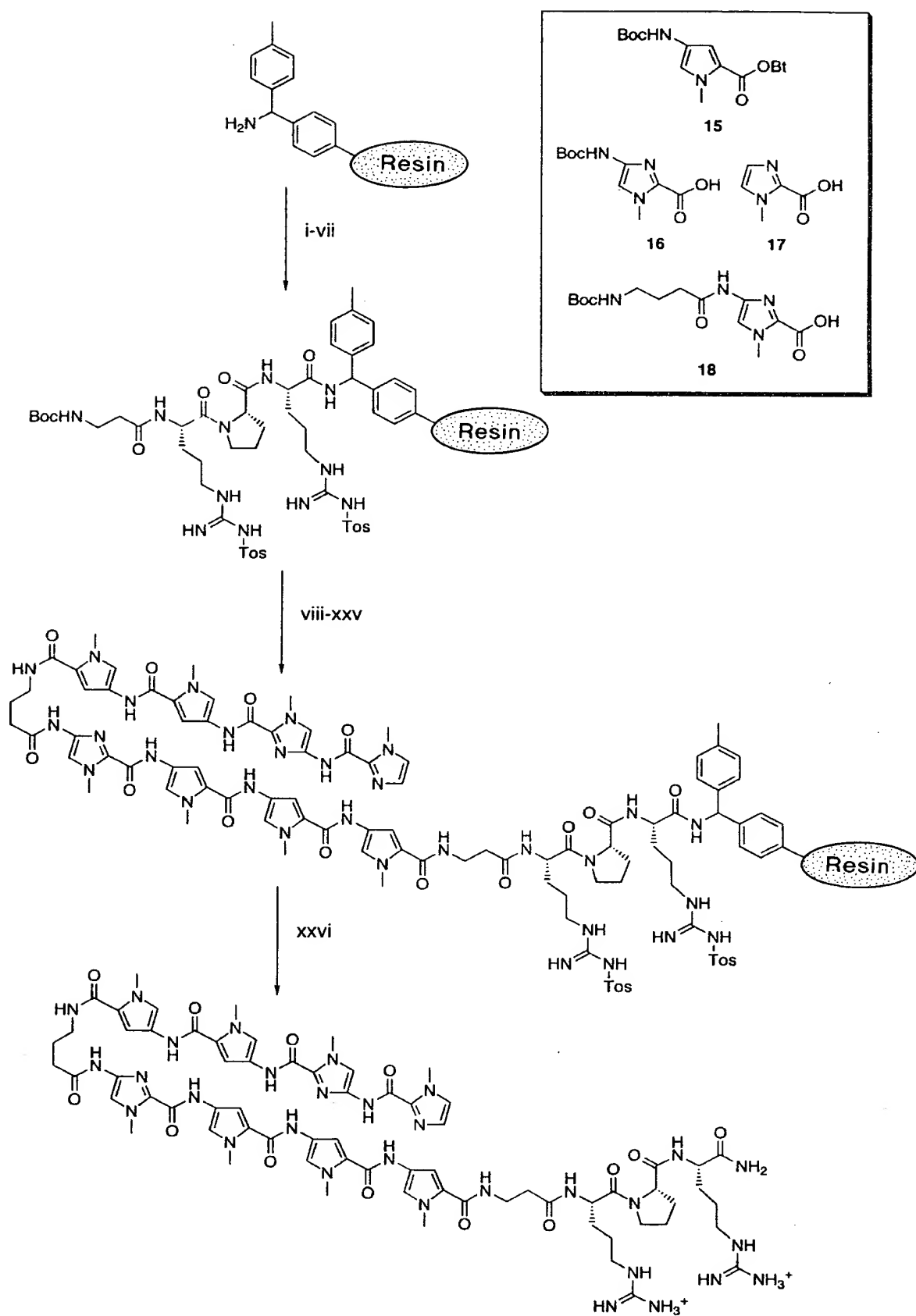


FIG. 3



ImImPyPy- γ -ImPyPyPy- β -RPR (4)

FIG. 4

ARE-1

Match

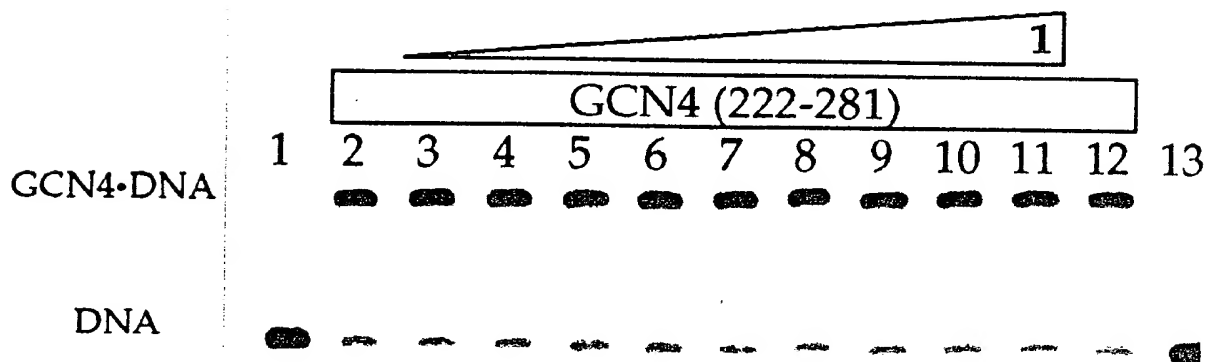
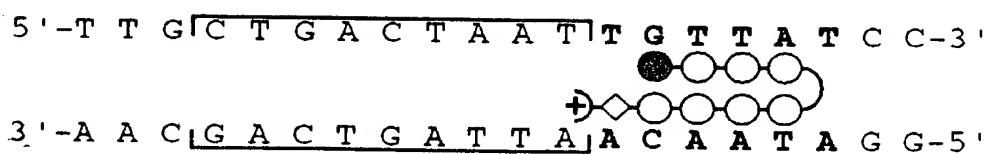


FIG. 5A

ARE-2

Match

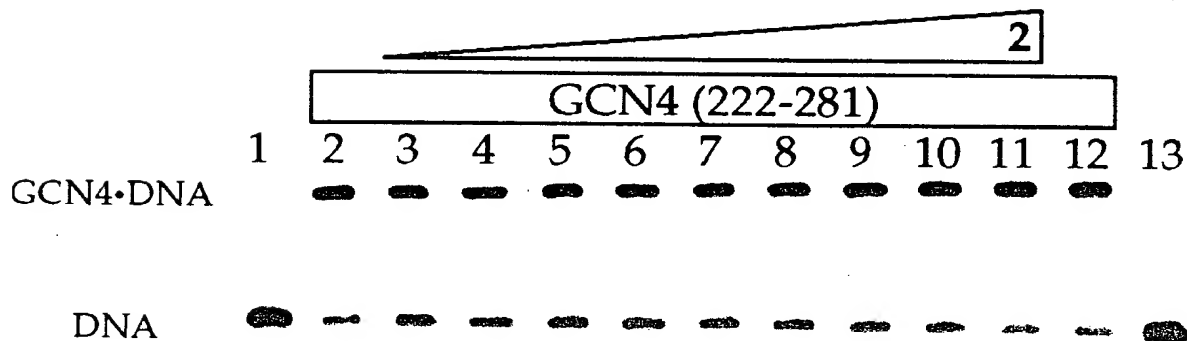
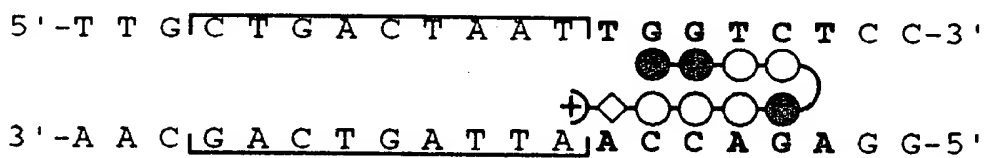


FIG. 5B

ARE-1

Match

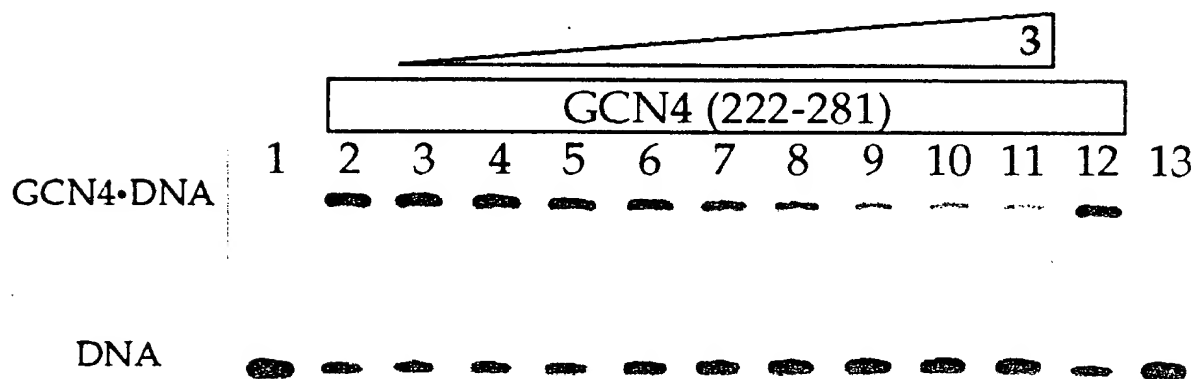
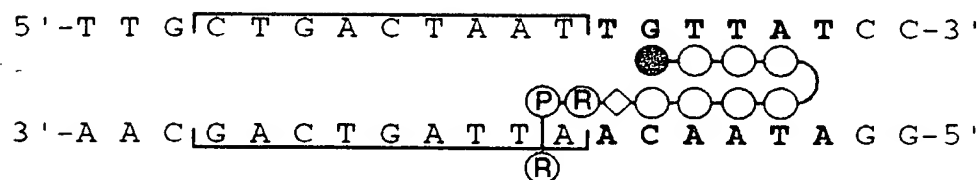


FIG. 5C

ARE-2

Mismatch

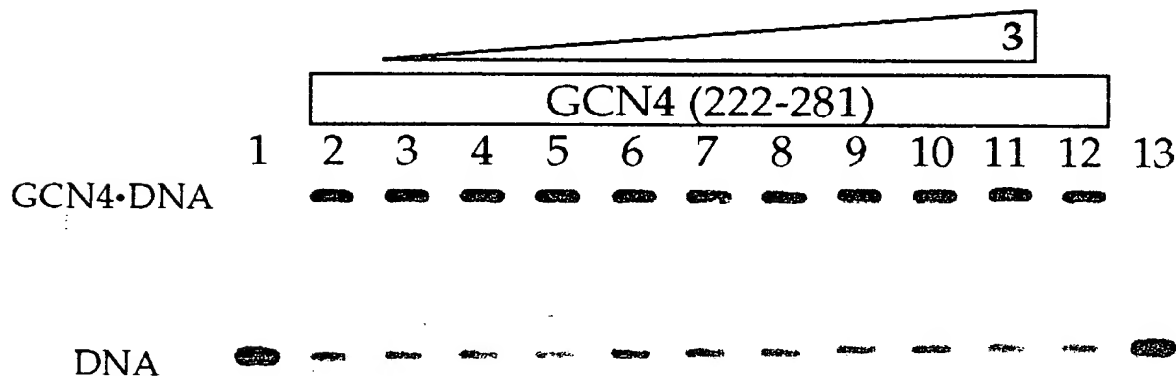
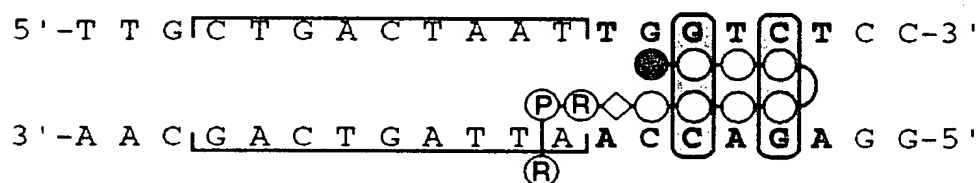


FIG. 5D

ARE-1

Mismatch

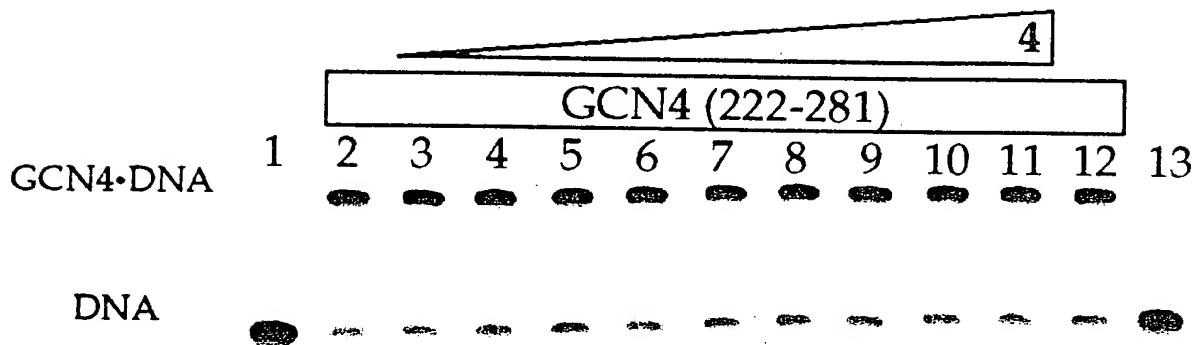
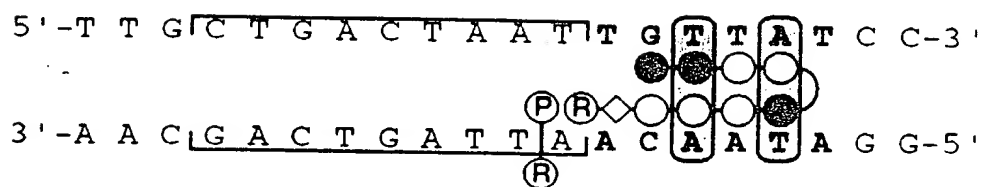


FIG. 5E

ARE-2

Match

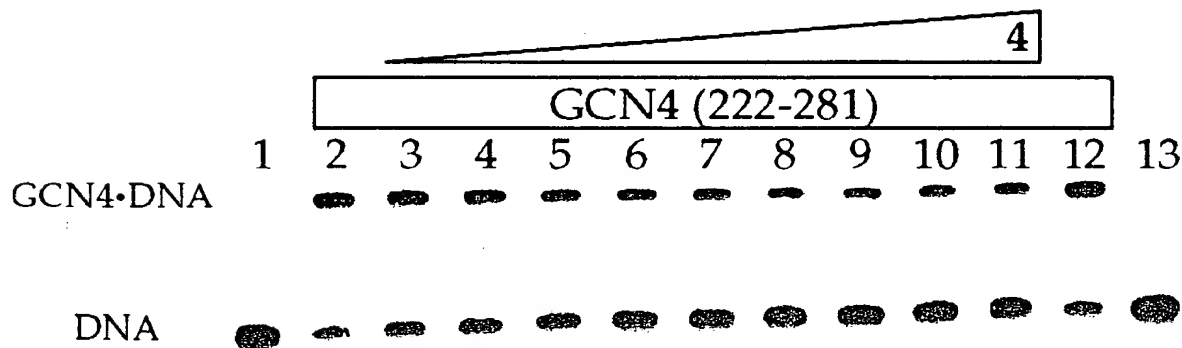
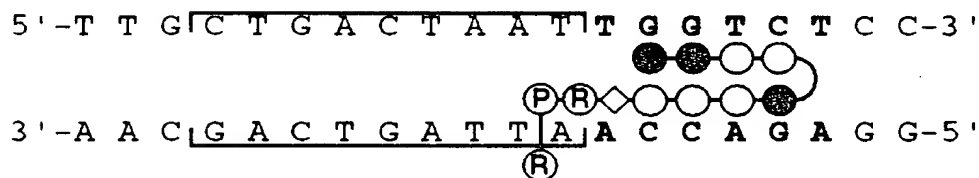
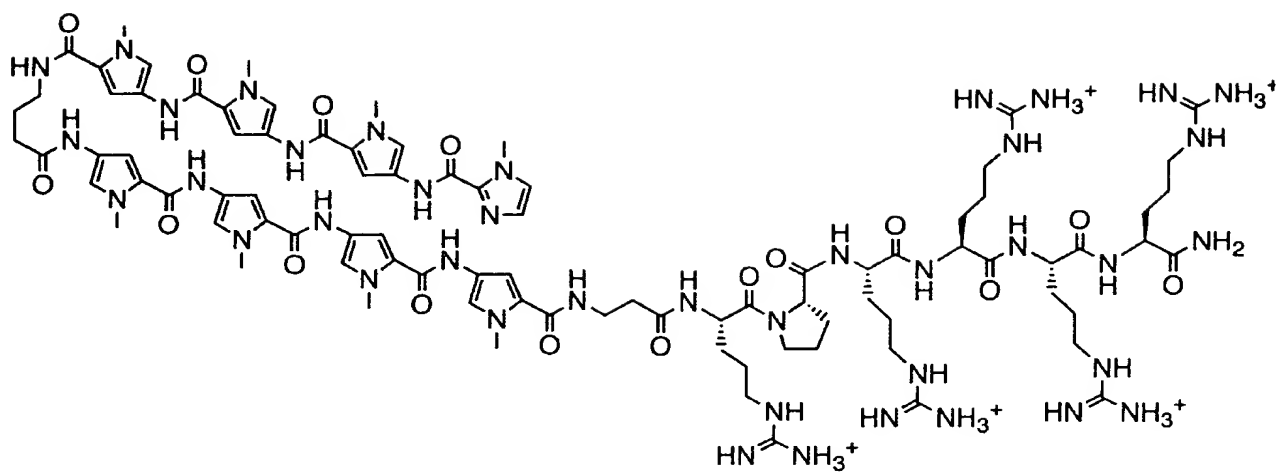
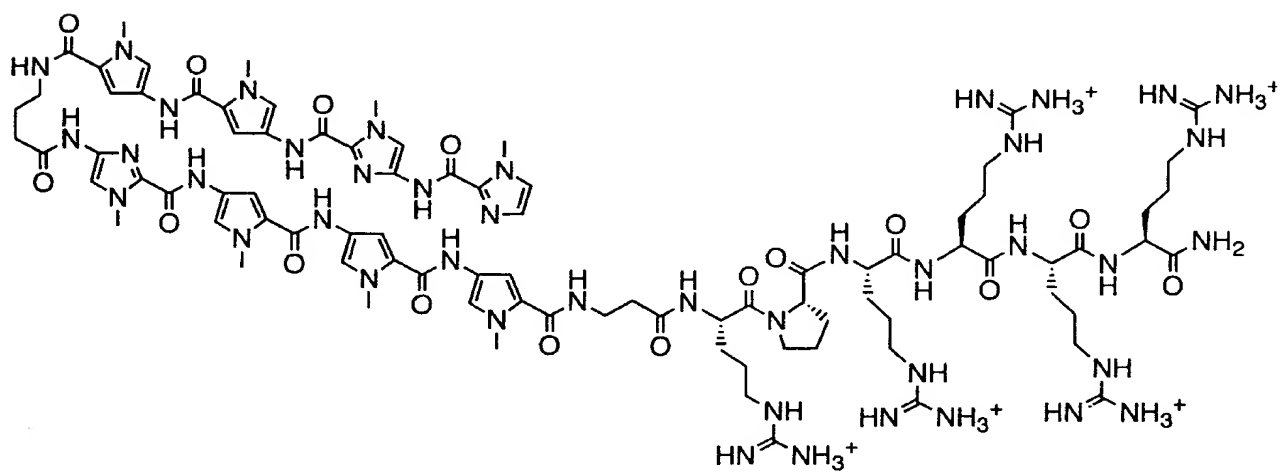


FIG. 5F



(5) ImPyPyPy-γ-PyPyPyPy-β-RPRRRR



(6) ImImPyPy-γ-ImPyPyPy-β-RPRRRR

FIG. 6

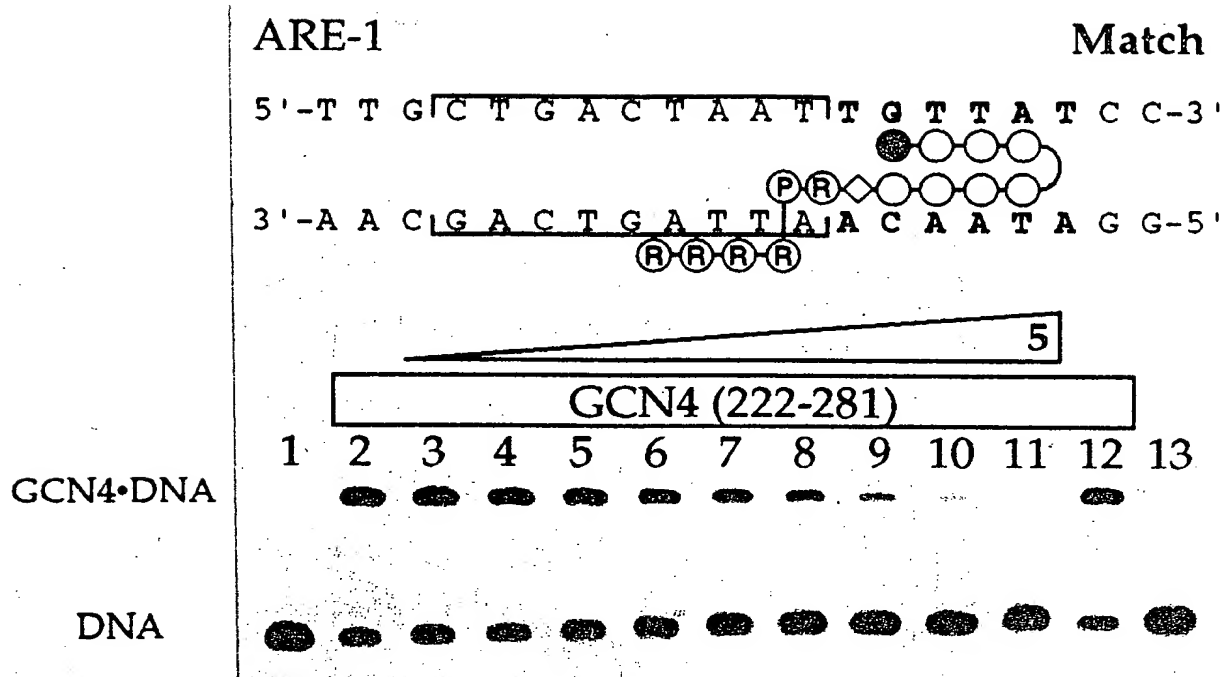


FIG. 7A

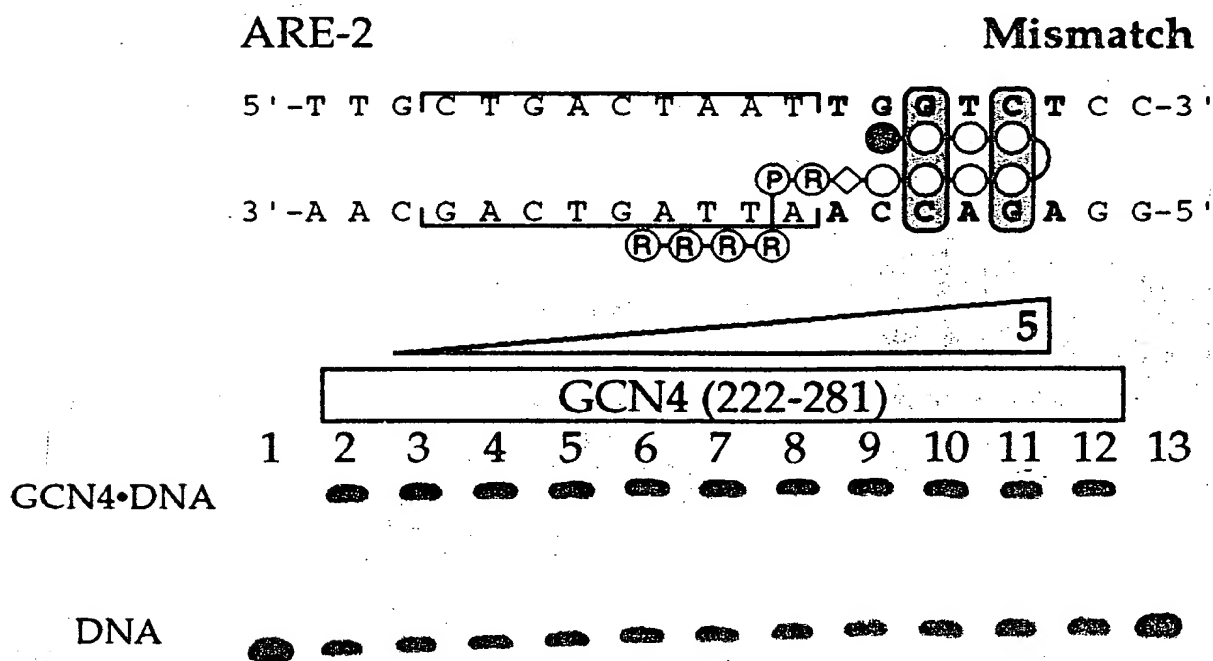


FIG. 7B

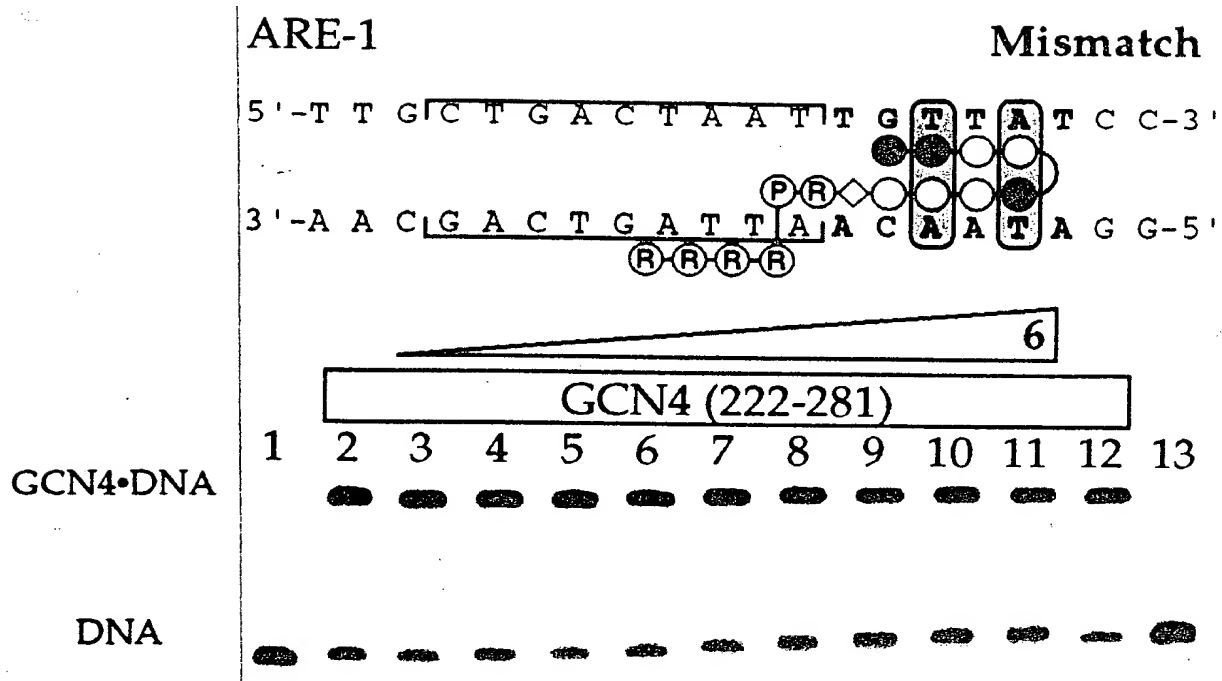


FIG. 7C

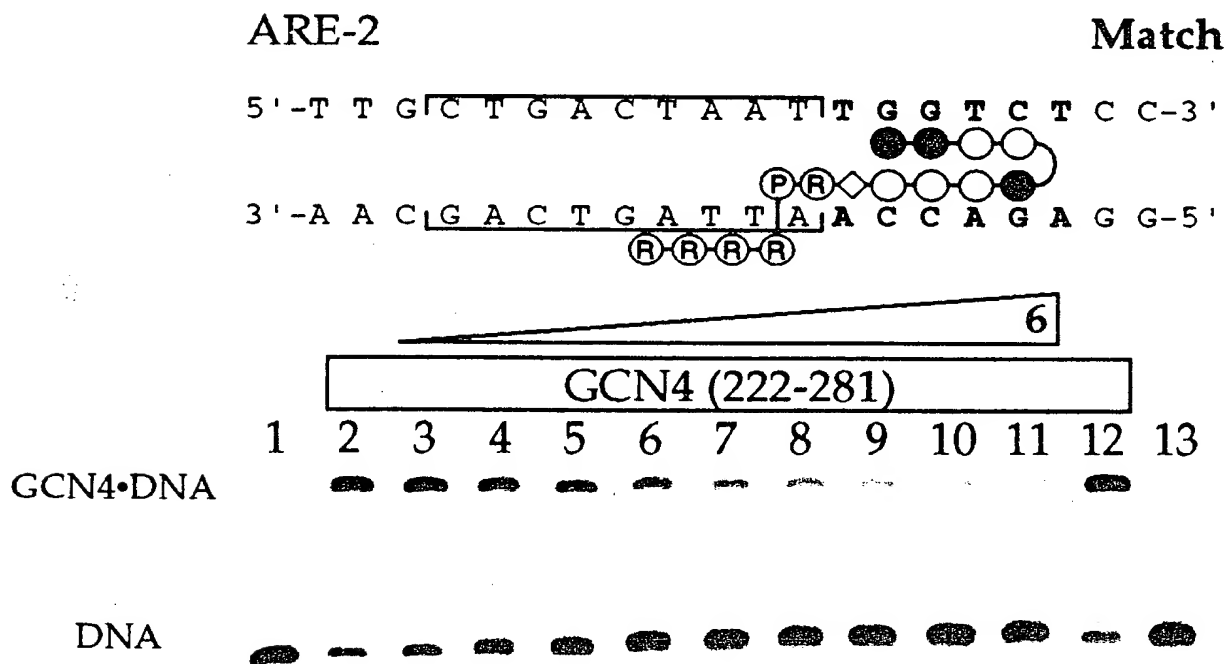
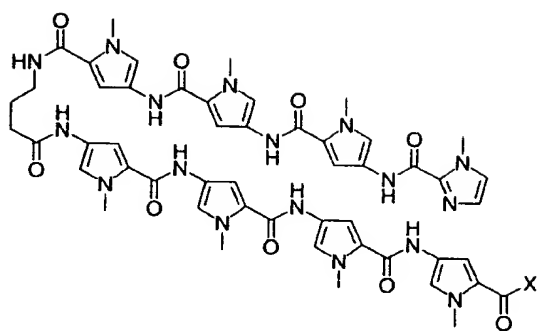


FIG. 7D



ImPyPyPy- γ -PyPyPyPy-X

Polyamide	X =	Inhibition
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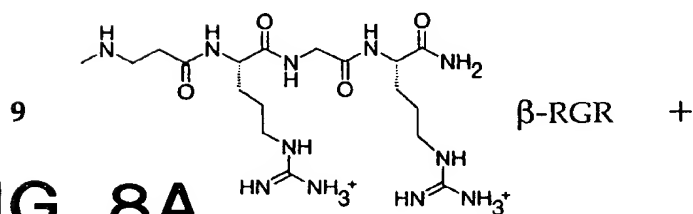
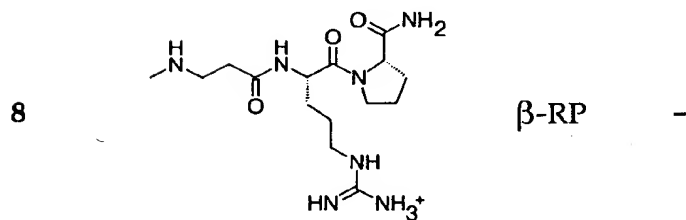
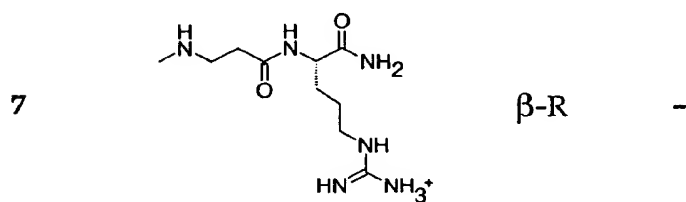
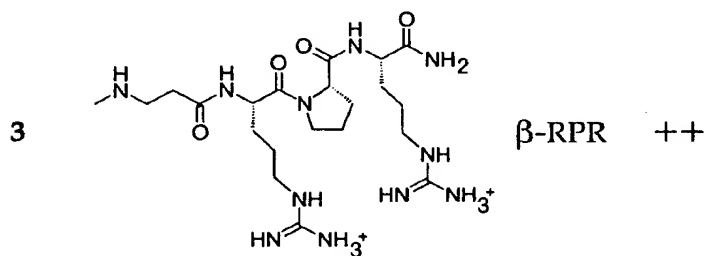
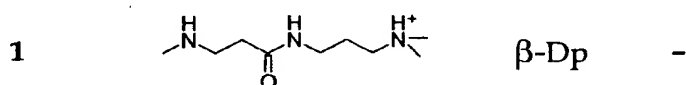
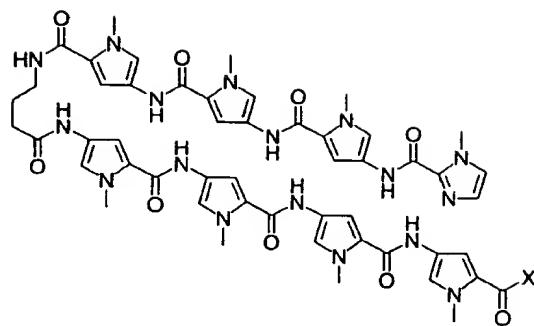


FIG. 8A



ImPyPyPy-γ-PyPyPyPy-X

Polyamide	X =	Inhibition
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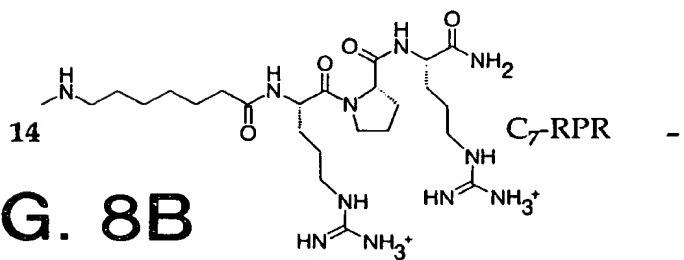
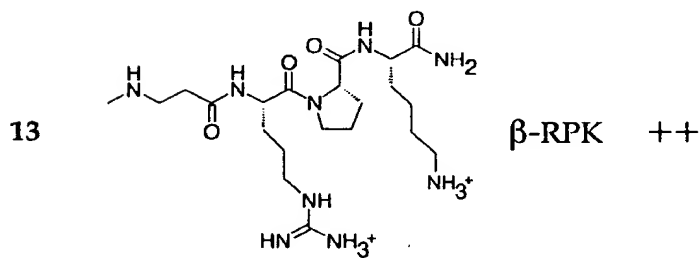
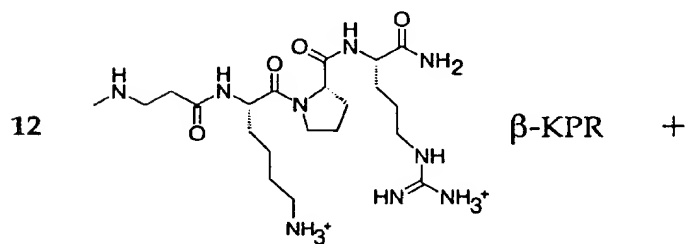
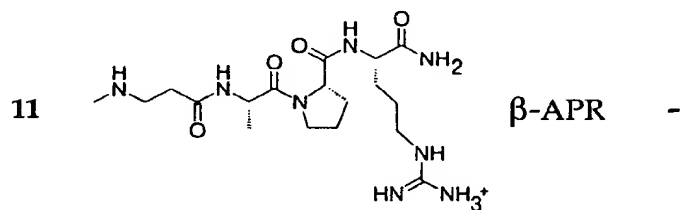
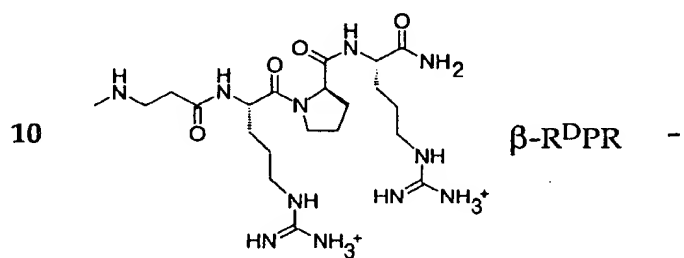
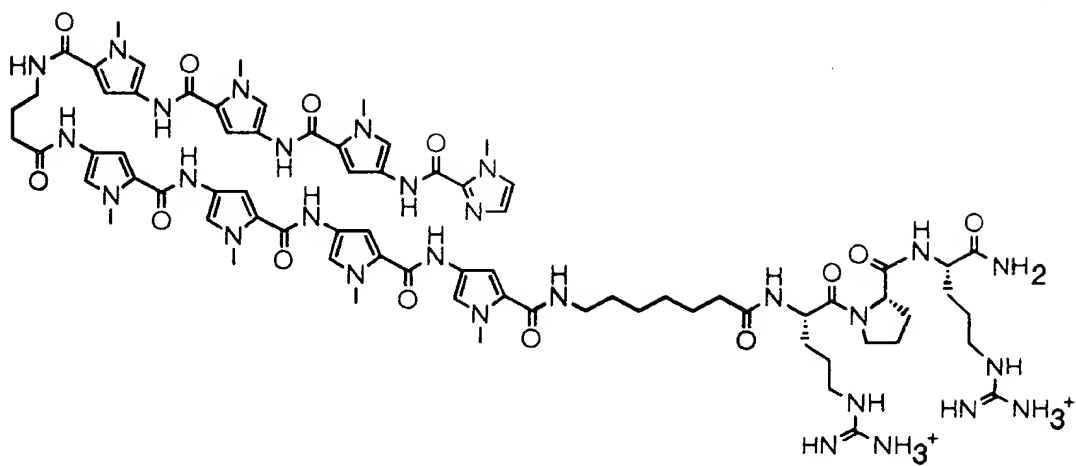


FIG. 8B



(14) ImPyPyPy- γ -PyPyPyPy-C7-RPR

FIG. 9

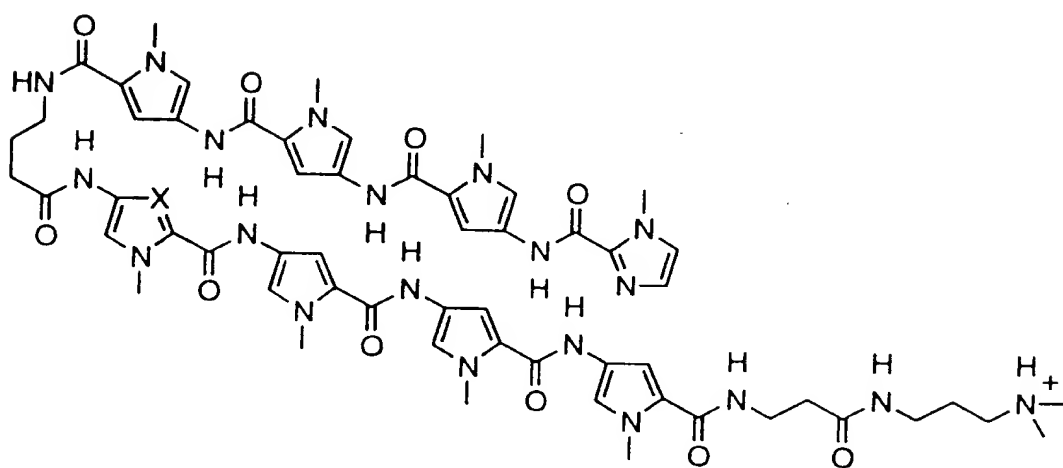
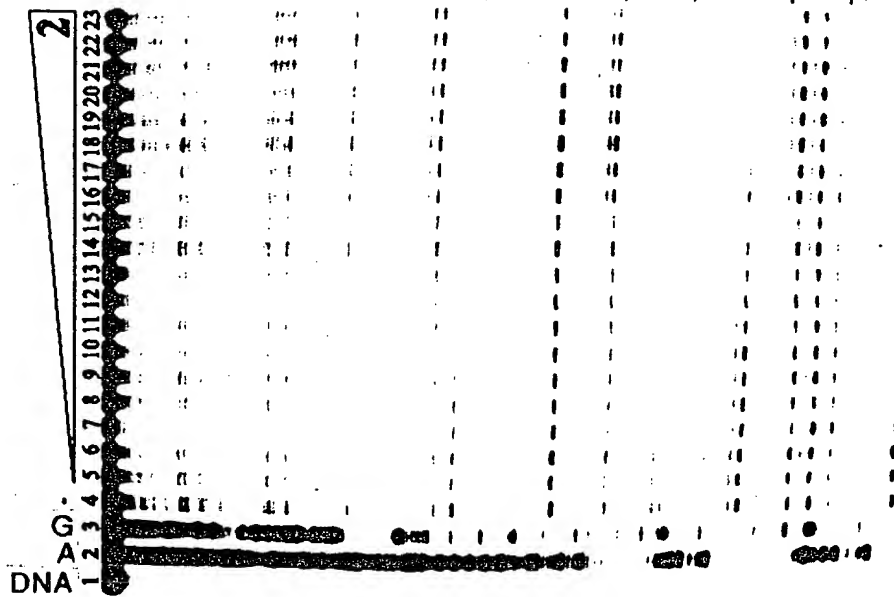
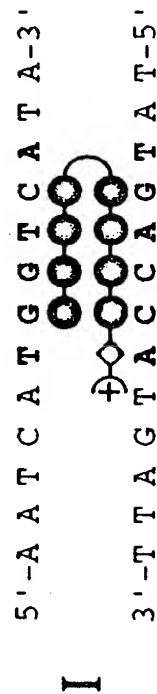


FIG. 13

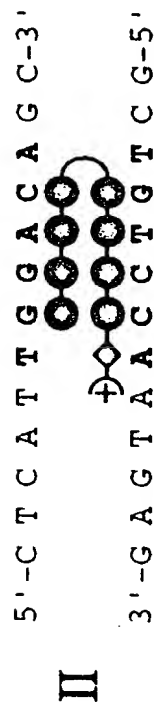


ImImPyPy- γ -ImPyPyPy- β -Dp

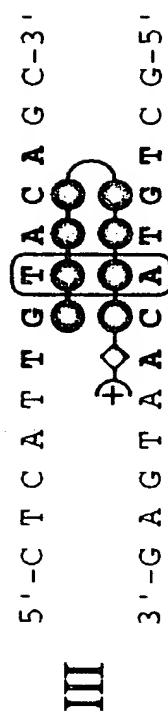
K_a (M^{-1})



1.3×10^{10}

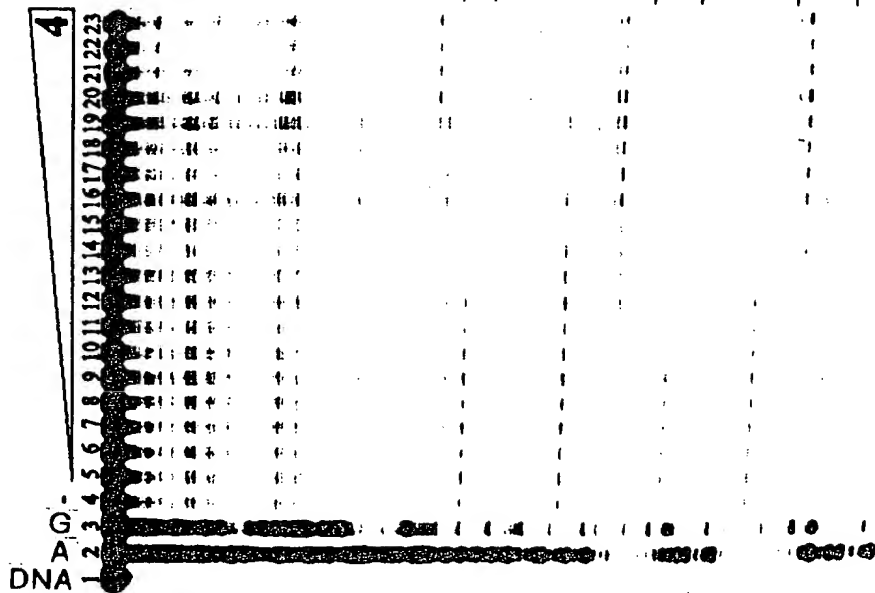


6.4×10^9



$\leq 5 \times 10^7$

FIG. 10A



ImImPyPy-γ-ImPyPyPy-β-RPR

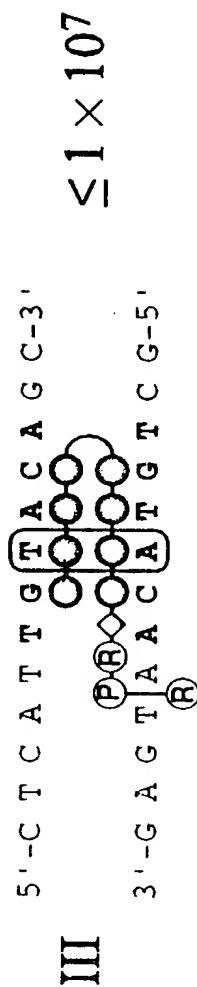
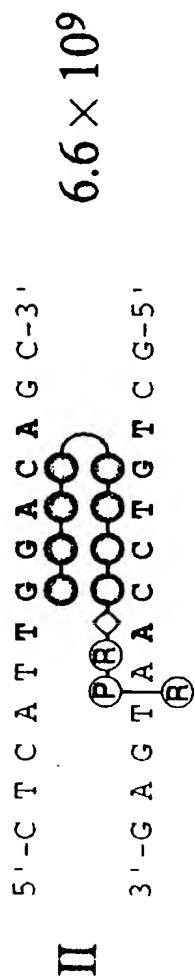
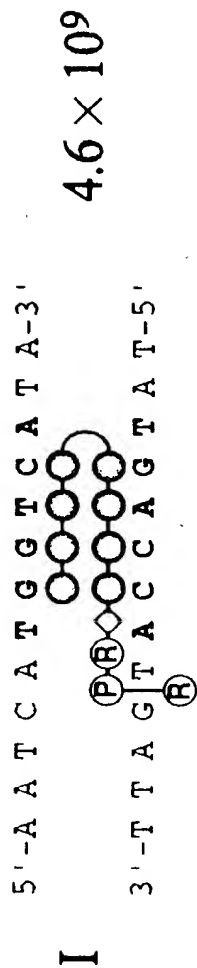
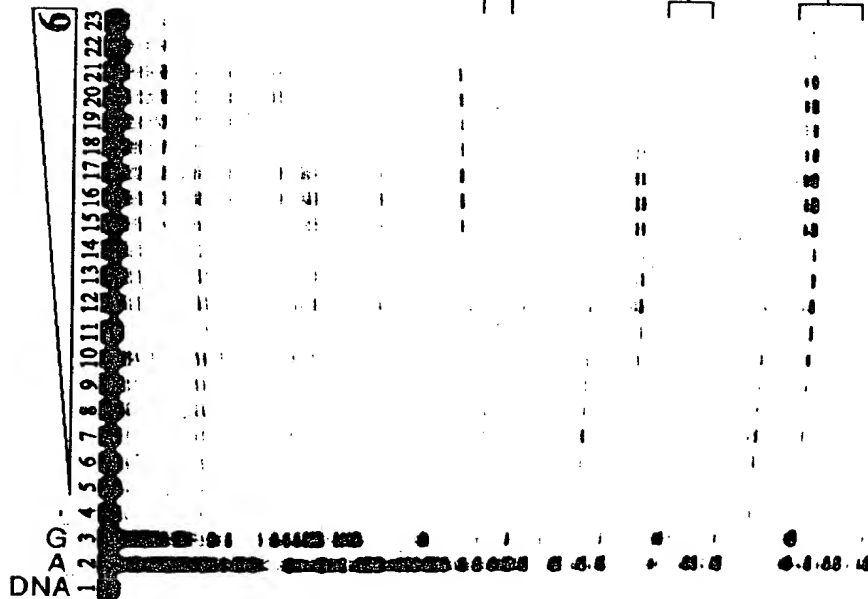


FIG. 10B



ImImPyPy-γ-ImPyPyPy-β-RPRRRR

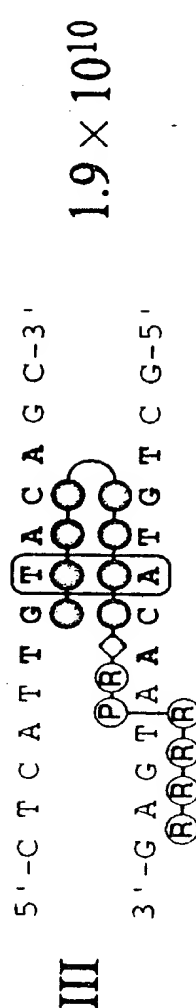
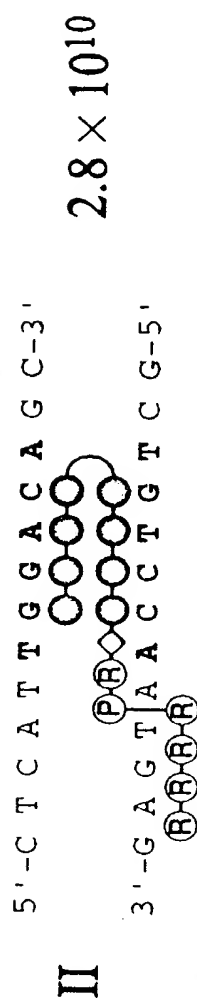
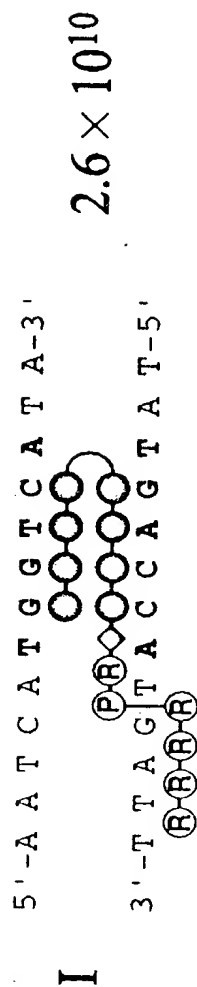


FIG. 10C

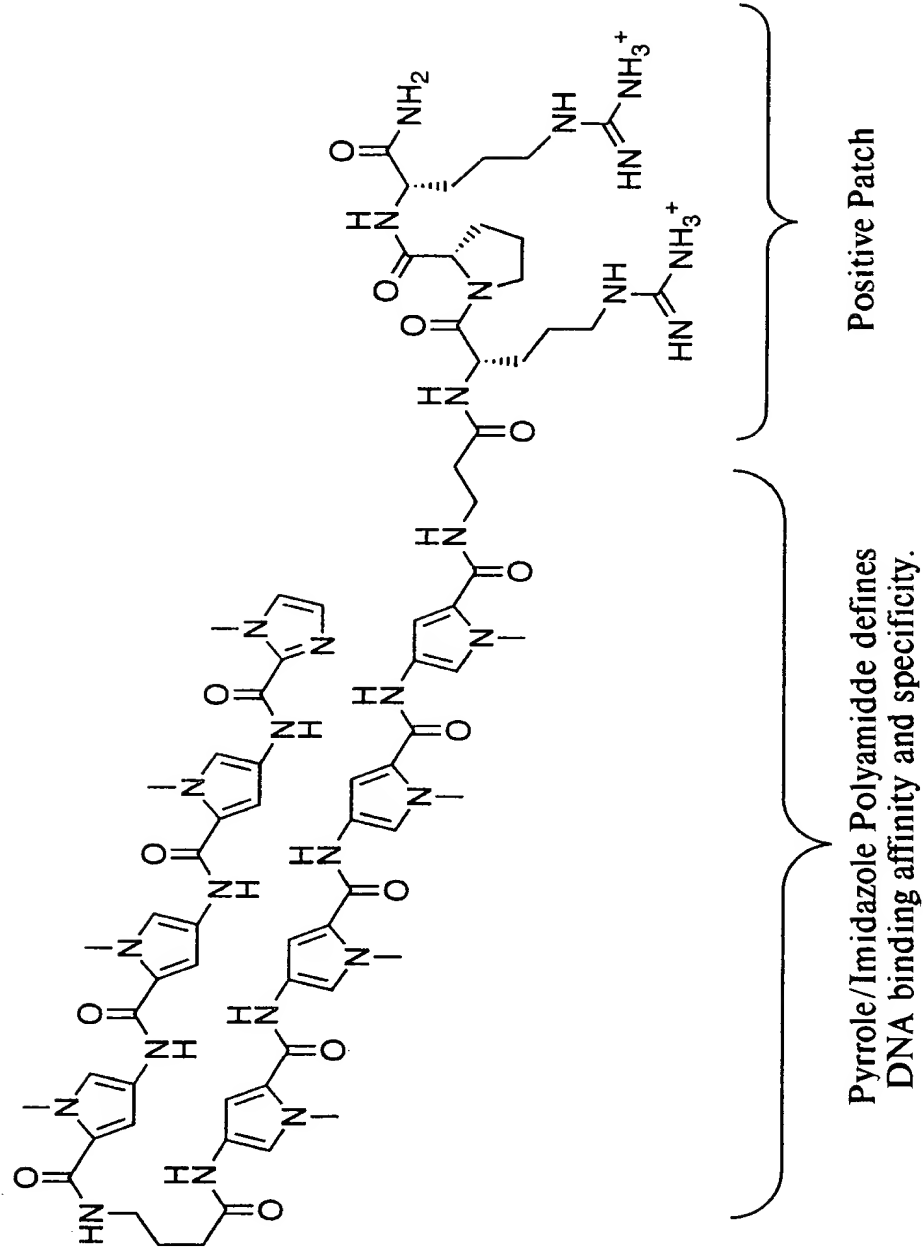
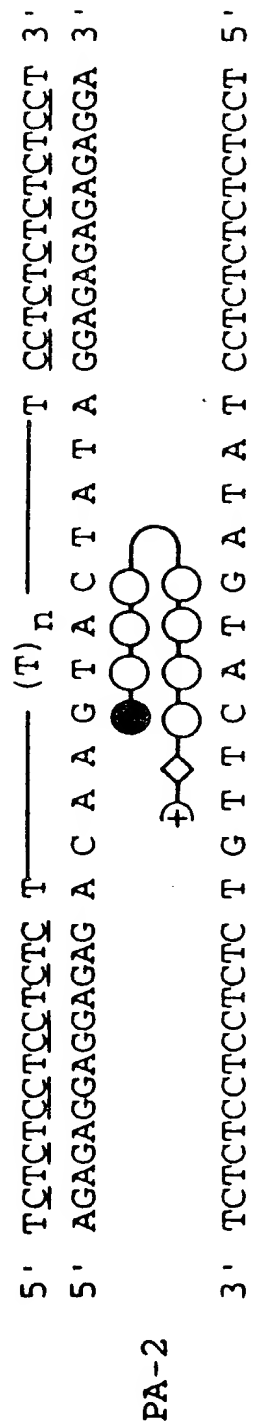
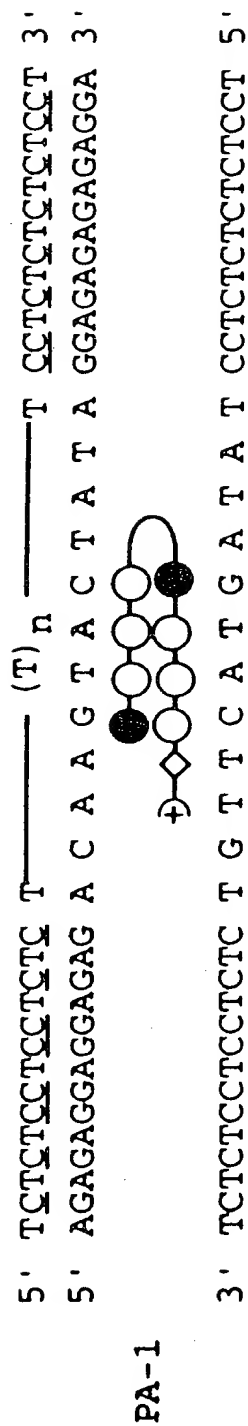


FIG. 11



n=2-6,9

FIG. 12

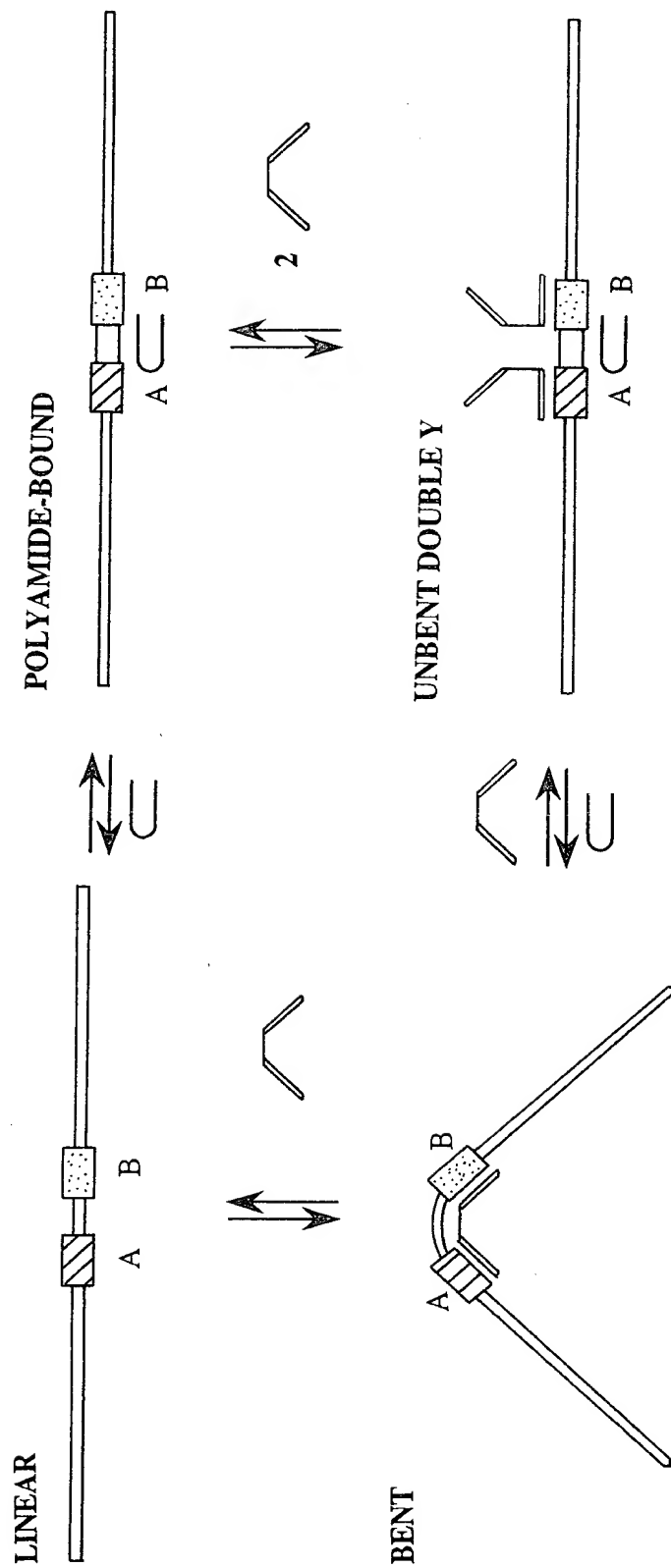


FIG. 14

oligonucleotide	2	2	3	3
polyamide	-	+	-	+



FIG. 15

oligonucleotide	-	-	-	2	2	2
polyamide	-	1	2	-	1	2

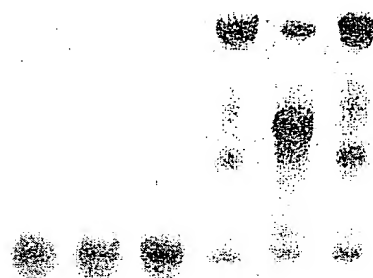


FIG. 16A

oligonucleotide	-	-	-	9	9	9
polyamide	-	1	2	-	1	2



FIG. 16B

simultaneous addition	
polyamide first	
oligonucleotide first	



FIG. 17